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Dated: January 13, 2009  
Signed: Jennifer C. Blach

PATENT  
Attorney Docket No.: 061818-5002-US04  
Client Ref. No.: 98-207-5

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

NICHOLAS L. ABBOTT, *et al.*

Application No.: 10/044,899

Filed: January 9, 2002

For: OPTICAL AMPLIFICATION OF  
MOLECULAR INTERACTIONS USING  
LIQUID CRYSTALS

Customer No.: 43850

Confirmation Number: 3817

Examiner: Lundgren, Jeffrey S.

Technology Center/Art Unit: 1639

SUPPLEMENTAL RESPONSE TO FINAL  
OFFICE ACTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Office Action Response filed January 12, 2009 ("January 12 Response") was accompanied by an oath/declaration which was signed by the two inventors who had not signed it previously: Justin Skaife and Timothy Dubrovsky. In the January 12 Response, however, the section concerning the oath/declaration objection refers to an unsigned inventor, Timothy Dubrovsky. For purposes of clarification, this Supplemental Response updates only the oath/declaration section of the January 12 Response. Although all the signatures of all inventors have been provided separately, Applicants provide herewith a copy of the oath/declaration signed by all Applicants. Applicants respectfully request entry of this Supplemental Response.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 18 of this paper.